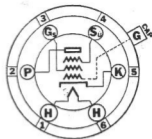


Sylvania

TYPE 58AS

(FOR MAJESTIC SETS)

RF PENTODE



CHARACTERISTICS

Heater Voltage AC or DC	6.3 Volts
Heater Current	0.4 Ampere

Direct Interelectrode Capacitances:

Grid to Plate (with tube shield)	0.007 $\mu\mu\text{f}$ Max.
Input	4.7 $\mu\mu\text{f}$
Output	6.5 $\mu\mu\text{f}$
Maximum Over-all Length	4 $\frac{11}{16}$ "
Maximum Diameter (without external shield)	1 $\frac{13}{16}$ "
Bulb	ST-12
Cap	Small Metal
Base—Small 6-Pin	6-F

Operating Conditions and Characteristics:

AMPLIFIER (CLASS A)

Heater Voltage	6.3	6.3 Volts
Plate Voltage	100	250 Volts Max.
Grid Voltage	-3	-3 Volts Min.
Screen Voltage	100	100 Volts Max.
Suppressor	Tie to Cathode	
Plate Current	8.0	8.2 Ma.
Screen Current	2.2	2.0 Ma.
Plate Resistance	0.25	0.8 Megohm
Mutual Conductance	1500	1600 μmhos
Mutual Conductance at -40 volts bias	10	10 μmhos
Amplification Factor	375	1280

For Circuit Application refer to Sylvania Type 6D6.